

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6574623").PN.	USPAT; USOCR	OR	OFF	2006/06/16 17:10
L2	2	("6574623").URPN.	USPAT	OR	OFF	2006/06/16 17:12
L3	17	("5446885"   "5546576"   "5590324"   "5598559"   "5713015"   "5778355"   "5822748"   "5822751"   "5832475"   "5905982"   "5963936"   "5987455"   "5991754"   "6199063"   "6339770"   "6341281"   "6496819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:20
L4	2	L3 and ((groupby or "group-by" or (group adj by)) with table\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:16
L5	1	"20050154725"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:20
S1	544	(transitive with closure\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:53
S3	0	((transitive with closure\$1) with quer\$4) and (707/5.ccls. or 707/3.ccls.) and (groupby or (group adj by)) and (orderby or (order adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:12
S4	0	(transitive with closure\$1) and (707/5.ccls. or 707/3.ccls.) and (groupby or (group adj by)) and (orderby or (order adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:13
S5	14	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:14
S6	9	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:14

## EAST Search History

S7	9	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:14
S8	9	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (group\$3 or order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:15
S9	5	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (group\$3 and order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:27
S10	0	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:26
S11	0	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:29
S12	4	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (group\$3 and order\$3) and (optimiz\$6 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:28
S13	6	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:21
S14	0	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and (reduc\$3 with number\$1 with referenc\$3 with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:50

## EAST Search History

S15	38	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and index\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:21
S16	6	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and index\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:39
S17	6	("5875447").URPN.	USPAT	OR	OFF	2006/06/14 12:24
S18	1	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by") and (orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:49
S19	1	((transitive with closure\$1)) and join\$3 and (groupby or (group adj by) or "group-by") and (orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:50
S20	1	((transitive with closure\$1)) and (groupby or (group adj by) or "group-by") and (orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:50
S21	1	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and index\$3 and (join\$3 with (multiple or many) with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:07
S22	6	("5301317") or ("6092062") or ("5761657")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:08
S23	50	(transitive with closure\$1) and (optimiz\$3 with quer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:43

## EAST Search History

S24	11	(transitive with closure\$1) and (optimiz\$3 with quer\$3) and (groupby or (group adj by) or "group-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:26
S25	1	(transitive with closure\$1) and (optimiz\$3 with quer\$3) and ((groupby or (group adj by) or "group-by") with number with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:27
S26	0	((transitive with closure\$1) with quer\$3) and join\$3 and ((groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") with (multiple\$1 or plural\$3 or many) with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:40
S27	152	(transitive with closure\$1) and join\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:44
S28	44	(transitive with closure\$1) and join\$1 and (optimiz\$5 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:44
S29	10	(transitive with closure\$1) and join\$1 and (optimiz\$5 with quer\$4) and (groupby or "group-by" or (group adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 15:45
S30	0	(transitive with closure\$1) and join\$1 and (optimiz\$5 with quer\$4) and ((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by)) with (permutation\$1 or alternative\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 15:48
S31	0	(transitive with closure\$1) and join\$1 and ((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by)) with (permutation\$1 or alternative\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:20

## EAST Search History

S32	4	((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by)) with (permutation\$1 or alternative\$1)) and (optimiz\$6 with quer\$3) and (((query or execution or access) with plan\$1) or plan\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:22
S33	4	((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by) or orderby or "order-by" or (order adj by)) with (permutation\$1 or alternative\$1)) and (optimiz\$6 with quer\$3) and (((query or execution or access) with plan\$1) or plan\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:24
S34	3	((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by) or orderby or "order-by" or (order adj by)) with (permutation\$1 or alternative\$1)) and (optimiz\$6 with quer\$3) and (((query or execution or access) with plan\$1) or plan\$1) and join\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:25
S35	46	("5598559").URPN.	USPAT	OR	OFF	2006/06/14 16:30
S36	1	S35 and (transitive adj2 closure\$1)	USPAT	OR	OFF	2006/06/14 16:31
S37	0	S35 and (transitive adj2 closure\$1) and (groupby or "group-by" or (group adj by))	USPAT	OR	OFF	2006/06/14 16:31
S38	1	S35 and (transitive adj2 closure\$1) and (group\$3)	USPAT	OR	OFF	2006/06/14 16:37
S39	0	"20050154725"	USPAT	OR	OFF	2006/06/14 16:37
S40	1	"20050154725"	US-PGPUB; USPAT	OR	OFF	2006/06/14 16:37
S41	16	(groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") same ((reduc\$4 or eliminat\$4) with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:33
S42	1	("6757677").PN.	USPAT; USOCR	OR	OFF	2006/06/15 10:27
S43	0	S42 and (transitive with closure\$1)	USPAT	OR	OFF	2006/06/15 10:28
S44	0	S42 and (transitive)	USPAT	OR	OFF	2006/06/15 12:11

## EAST Search History

S45	16	(transitive with closure) and (optimiz\$6 with quer\$3) and (join\$1 with order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:17
S46	3	(transitive with closure) and (optimiz\$6 with quer\$3) and (join\$1 with order\$3) and (groupby or "group-by" or (group adj by) or orderby or "order-by" or (order adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:24
S47	16	(transitive with closure) and (optimiz\$6 with quer\$3) and (join\$1 with order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:27
S48	44	(transitive with closure\$1) and (707/5.ccls. or 707/3.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:29
S49	3	(transitive with closure\$1) and (707/5.ccls. or 707/3.ccls.) and (groupby or ("group" adj "by") or "group-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:30
S50	3	(rewrit\$3 with (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by))) and (SQL with "select")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:42
S51	0	(rewrit\$3 with (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by))) and (SQL with "select") and (transitive or closure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:42
S52	12	((rewrit\$3 with quer\$3 ) same (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:44

## EAST Search History

S53	10	((rewrit\$3 with quer\$3 ) same (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by))) and (join\$1 or innerjoin\$1 or outerjoin\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:45
S54	1	("20020159632").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 09:58
S55	55	((transitive with closure\$1) with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:54
S56	10	((transitive with closure\$1) with quer\$4 with (rewrit\$3 or optimiz\$3 or ("re" adj write\$3) or chang\$3 or revis\$3 or rephras\$3 or reword\$3 or amnd\$3 or alter\$3 or modify\$3 or redraaft\$3 or adjust\$3 or reshap\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:57
S57	10	((transitive with closure\$1) with quer\$4 with (rewrit\$3 or optimiz\$3 or ("re" adj write\$3) or chang\$3 or revis\$3 or rephras\$3 or reword\$3 or amnd\$3 or alter\$3 or modify\$3 or redraft\$3 or adjust\$3 or reshap\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:58
S58	7	((transitive with closure\$1) with quer\$4 with (rewrit\$3 or optimiz\$3 or ("re" adj write\$3) or chang\$3 or revis\$3 or rephras\$3 or reword\$3 or amnd\$3 or alter\$3 or modify\$3 or redraft\$3 or adjust\$3 or reshap\$3)) and ((query or execution or access\$3) with plan\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:09
S59	2613	(reorder\$3 or (re adj oder\$3)) with result\$1 (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:10
S60	3022	(reorder\$3 or (re adj order\$3)) with result\$1 (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:11

## EAST Search History

S61	2704	(reorder\$3 or (re adj order\$3)) with result\$1 (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:11
S62	0	(reorder\$3 or (re adj order\$3)) with result\$1 with (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:11
S63	0	(reorder\$3 or (re adj order\$3)) with result\$1 with (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:12
S64	0	(transitive with closure) and (rewrit\$3 with (groupby or (group adj by)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:14
S65	0	(transitive with closure) and ((re adj writ\$3) with (groupby or (group adj by)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:23
S66	1	("6775662").PN.	USPAT; USOCR	OR	OFF	2006/06/16 14:23
S67	0	("6775662").URPN.	USPAT	OR	OFF	2006/06/16 14:37
S68	8	("20030093407"   "5412804"   "5428737"   "5598559"   "5991754"   "6370524"   "6496819"   "6574623").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:09



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L1	1	("6574623").PN.	USPAT; USOCR	OR	OFF	2006/06/16 17:10
L2	2	("6574623").URPN.	USPAT	OR	OFF	2006/06/16 17:12
L3	17	("5446885"   "5546576"   "5590324"   "5598559"   "5713015"   "5778355"   "5822748"   "5822751"   "5832475"   "5905982"   "5963936"   "5987455"   "5991754"   "6199063"   "6339770"   "6341281"   "6496819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:20
L4	2	L3 and ((groupby or "group-by" or (group adj by)) with table\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:16
L5	1	"20050154725"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:20
S1	544	(transitive with closure\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:53
S3	0	((transitive with closure\$1) with quer\$4) and (707/5.ccls. or 707/3.ccls.) and (groupby or (group adj by)) and (orderby or (order adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:12
S4	0	(transitive with closure\$1) and (707/5.ccls. or 707/3.ccls.) and (groupby or (group adj by)) and (orderby or (order adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:13
S5	14	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:14
S6	9	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:14

## EAST Search History

S7	9	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:14
S8	9	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (group\$3 or order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:15
S9	5	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (group\$3 and order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:27
S10	0	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:26
S11	0	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:29
S12	4	((transitive with closure\$1) with quer\$3) and (707/5.ccls. or 707/3.ccls.) and join\$3 and (group\$3 and order\$3) and (optimiz\$6 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:28
S13	6	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:21
S14	0	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and (reduc\$3 with number\$1 with referenc\$3 with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 11:50

## EAST Search History

S15	38	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and index\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:21
S16	6	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and index\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:39
S17	6	("5875447").URPN.	USPAT	OR	OFF	2006/06/14 12:24
S18	1	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by") and (orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:49
S19	1	((transitive with closure\$1)) and join\$3 and (groupby or (group adj by) or "group-by") and (orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:50
S20	1	((transitive with closure\$1)) and (groupby or (group adj by) or "group-by") and (orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 12:50
S21	1	((transitive with closure\$1) with quer\$3) and join\$3 and (groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$3) and index\$3 and (join\$3 with (multiple or many) with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:07
S22	6	("5301317") or ("6092062") or ("5761657")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:08
S23	50	(transitive with closure\$1) and (optimiz\$3 with quer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:43

## EAST Search History

S24	11	(transitive with closure\$1) and (optimiz\$3 with quer\$3) and (groupby or (group adj by) or "group-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:26
S25	1	(transitive with closure\$1) and (optimiz\$3 with quer\$3) and ((groupby or (group adj by) or "group-by") with number with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:27
S26	0	((transitive with closure\$1) with quer\$3) and join\$3 and ((groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") with (multiple\$1 or plural\$3 or many) with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:40
S27	152	(transitive with closure\$1) and join\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:44
S28	44	(transitive with closure\$1) and join\$1 and (optimiz\$5 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 13:44
S29	10	(transitive with closure\$1) and join\$1 and (optimiz\$5 with quer\$4) and (groupby or "group-by" or (group adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 15:45
S30	0	(transitive with closure\$1) and join\$1 and (optimiz\$5 with quer\$4) and ((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by)) with (permutation\$1 or alternative\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 15:48
S31	0	(transitive with closure\$1) and join\$1 and ((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by)) with (permutation\$1 or alternative\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:20

## EAST Search History

S32	4	((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by)) with (permutation\$1 or alternative\$1)) and (optimiz\$6 with quer\$3) and (((query or execution or access) with plan\$1) or plan\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:22
S33	4	((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by) or orderby or "order-by" or (order adj by)) with (permutation\$1 or alternative\$1)) and (optimiz\$6 with quer\$3) and (((query or execution or access) with plan\$1) or plan\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:24
S34	3	((generat\$3 or creat\$3 or produc\$3 or determin\$3) with (groupby or "group-by" or (group adj by) or orderby or "order-by" or (order adj by)) with (permutation\$1 or alternative\$1)) and (optimiz\$6 with quer\$3) and (((query or execution or access) with plan\$1) or plan\$1) and join\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:25
S35	46	("5598559").URPN.	USPAT	OR	OFF	2006/06/14 16:30
S36	1	S35 and (transitive adj2 closure\$1)	USPAT	OR	OFF	2006/06/14 16:31
S37	0	S35 and (transitive adj2 closure\$1) and (groupby or "group-by" or (group adj by))	USPAT	OR	OFF	2006/06/14 16:31
S38	1	S35 and (transitive adj2 closure\$1) and (group\$3)	USPAT	OR	OFF	2006/06/14 16:37
S39	0	"20050154725"	USPAT	OR	OFF	2006/06/14 16:37
S40	1	"20050154725"	US-PGPUB; USPAT	OR	OFF	2006/06/14 16:37
S41	16	(groupby or (group adj by) or "group-by" or orderby or (order adj by) or "order-by") same ((reduc\$4 or eliminat\$4) with table\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:33
S42	1	("6757677").PN.	USPAT; USOCR	OR	OFF	2006/06/15 10:27
S43	0	S42 and (transitive with closure\$1)	USPAT	OR	OFF	2006/06/15 10:28
S44	0	S42 and (transitive)	USPAT	OR	OFF	2006/06/15 12:11

## EAST Search History

S45	16	(transitive with closure) and (optimiz\$6 with quer\$3) and (join\$1 with order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:17
S46	3	(transitive with closure) and (optimiz\$6 with quer\$3) and (join\$1 with order\$3) and (groupby or "group-by" or (group adj by) or orderby or "order-by" or (order adj by))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:24
S47	16	(transitive with closure) and (optimiz\$6 with quer\$3) and (join\$1 with order\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:27
S48	44	(transitive with closure\$1) and (707/5.ccls. or 707/3.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:29
S49	3	(transitive with closure\$1) and (707/5.ccls. or 707/3.ccls.) and (groupby or ("group" adj "by") or "group-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:30
S50	3	(rewrit\$3 with (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by))) and (SQL with "select")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:42
S51	0	(rewrit\$3 with (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by))) and (SQL with "select") and (transitive or closure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:42
S52	12	((rewrit\$3 with quer\$3 ) same (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:44

## EAST Search History

S53	10	((rewrit\$3 with quer\$3 ) same (groupby or "group-by" or (group adj by) or oderby or "order-by" or (order adj by))) and (join\$1 or innerjoin\$1 or outerjoin\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:45
S54	1	("20020159632").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 09:58
S55	55	((transitive with closure\$1) with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:54
S56	10	((transitive with closure\$1) with quer\$4 with (rewrit\$3 or optimiz\$3 or ("re" adj write\$3) or chang\$3 or revis\$3 or rephras\$3 or reword\$3 or amnd\$3 or alter\$3 or modify\$3 or redraaft\$3 or adjust\$3 or reshap\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:57
S57	10	((transitive with closure\$1) with quer\$4 with (rewrit\$3 or optimiz\$3 or ("re" adj write\$3) or chang\$3 or revis\$3 or rephras\$3 or reword\$3 or amnd\$3 or alter\$3 or modify\$3 or redraft\$3 or adjust\$3 or reshap\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 13:58
S58	7	((transitive with closure\$1) with quer\$4 with (rewrit\$3 or optimiz\$3 or ("re" adj write\$3) or chang\$3 or revis\$3 or rephras\$3 or reword\$3 or amnd\$3 or alter\$3 or modify\$3 or redraft\$3 or adjust\$3 or reshap\$3)) and ((query or execution or access\$3) with plan\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:09
S59	2613	(reorder\$3 or (re adj oder\$3)) with result\$1 (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:10
S60	3022	(reorder\$3 or (re adj order\$3)) with result\$1 (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:11

## EAST Search History

S61	2704	(reorder\$3 or (re adj order\$3)) with result\$1 (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:11
S62	0	(reorder\$3 or (re adj order\$3)) with result\$1 with (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by") and (optimiz\$6 with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:11
S63	0	(reorder\$3 or (re adj order\$3)) with result\$1 with (groupby or "group-by" or (group adj by) or orderby or (order adj by) or "order-by")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:12
S64	0	(transitive with closure) and (rewrit\$3 with (groupby or (group adj by)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:14
S65	0	(transitive with closure) and ((re adj writ\$3) with (groupby or (group adj by)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/16 14:23
S66	1	("6775662").PN.	USPAT; USOCR	OR	OFF	2006/06/16 14:23
S67	0	("6775662").URPN.	USPAT	OR	OFF	2006/06/16 14:37
S68	8	("20030093407"   "5412804"   "5428737"   "5598559"   "5991754"   "6370524"   "6496819"   "6574623").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:09



# PALM INTRANET

Day : Friday  
Date: 6/16/2006  
Time: 17:38:52

## Inventor Name Search Result

Your Search was:

Last Name = DAY

First Name = PAUL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09822103</u>	Not Issued	71	03/30/2001	Method and system for controlling an automatic transmission using a GPS assist having a learn mode	DAY, PAUL REUBEN
<u>09827233</u>	Not Issued	120	04/05/2001	Method and computer program product for providing email that guides a recipient through a set of associated web pages	DAY, PAUL REUBEN
<u>09836313</u>	<u>7047548</u>	150	04/17/2001	RECALL OF PREVIOUS PROGRAM CHANNEL	DAY, PAUL REUBEN
<u>09853558</u>	<u>6385531</u>	150	05/11/2001	DISTRIBUTED SYSTEM AND METHOD FOR DETECTING TRAFFIC PATTERNS	DAY, PAUL REUBEN
<u>09891980</u>	<u>6845372</u>	150	06/26/2001	METHOD AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING SEARCH ENGINE OPERATIONAL MODES	DAY, PAUL REUBEN
<u>09898560</u>	<u>6778989</u>	150	07/03/2001	SYSTEM AND METHOD FOR CONSTRUCTING AND VIEWING AN ELECTRONIC DOCUMENT	DAY, PAUL REUBEN
<u>09903350</u>	Not Issued	41	07/11/2001	Enhanced electronic program guide	DAY, PAUL REUBEN
<u>09908354</u>	<u>6583734</u>	150	07/18/2001	ENHANCED VEHICLE HAZARD WARNING AND SAFETY FEATURES INTEGRATED WITH AN ONBOARD NAVIGATION SYSTEM	DAY, PAUL REUBEN
<u>09908417</u>	<u>6966030</u>	150	07/18/2001	METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING ACRONYM ASSISTANCE	DAY, PAUL REUBEN
<u>09954884</u>	<u>6970863</u>	150	09/18/2001	FRONT-END WEIGHT FACTOR SEARCH CRITERIA	DAY, PAUL REUBEN
<u>09960188</u>	<u>6678613</u>	150	09/21/2001	METHOD AND APPARATUS FOR NOTIFYING A USER OF AN APPOINTMENT	DAY, PAUL REUBEN
<u>09964237</u>	<u>7047519</u>	150	09/26/2001	DYNAMIC SETTING OF BREAKPOINT COUNT	DAY, PAUL REUBEN

					ATTRIBUTES	
09998168	6853391	150	11/19/2001	MULTI-NODE USER INTERFACE COMPONENT AND METHOD THEREOF FOR USE IN PERFORMING A COMMON OPERATION ON LINKED RECORDS	DAY, PAUL REUBEN	
10001667	6931395	150	10/25/2001	METHOD AND APPARATUS FOR OPTIMIZING QUERIES IN A LOGICALLY PARTITIONED COMPUTER SYSTEM	DAY, PAUL REUBEN	
10005933	6781920	150	12/05/2001	METHOD FOR RESOLVING MEETING CONFLICTS WITHIN AN ELECTRONIC CALENDAR APPLICATION	DAY, PAUL REUBEN	
10041933	6947924	150	01/07/2002	A GROUP BASED SEARCH ENGINE GENERATING SEARCH RESULTS RANKING BASED ON AT LEAST ONE NOMINATION PREVIOUSLY MADE BY MEMBER OF THE USER GROUP WHERE NOMINATION SYSTEM IS INDEPENDENT FROM VISITATION SYSTEM	DAY, PAUL REUBEN	
10050385	Not Issued	61	01/16/2002	Method and apparatus for selectively copying documents with handwritten notations	DAY, PAUL REUBEN	
10068033	Not Issued	41	02/06/2002	Method and meeting scheduler for automated meeting scheduling using delegates, representatives, quorums and teams	DAY, PAUL REUBEN	
10068497	Not Issued	30	02/06/2002	Method and meeting scheduler for automated meeting insertion and rescheduling for busy calendars	DAY, PAUL REUBEN	
10132334	Not Issued	95	04/25/2002	SOFTWARE DEBUGGER HAVING A MONITOR FOR MONITORING CONDITIONAL STATEMENTS WITHIN A SOFTWARE PROGRAM	DAY, PAUL REUBEN	
10329905	6937950	150	12/26/2002	ANIMATED GRAPHICAL OBJECT NOTIFICATION SYSTEM	DAY, PAUL REUBEN	
10431926	Not Issued	30	05/08/2003	Window scroll bar	DAY, PAUL REUBEN	
10443921	Not Issued	41	05/22/2003	Method, query optimizer, and computer program product for implementing live switchover to temporary sparse index for faster query performance	DAY, PAUL REUBEN	
10459760	Not Issued	41	06/12/2003	Installing fixes based on usage	DAY, PAUL REUBEN	
10616547	Not Issued	41	07/10/2003	Method and apparatus for generating computer programming code selectively optimized for execution performance and not optimized for serviceability	DAY, PAUL REUBEN	

10660166	Not Issued	41	09/11/2003	Method and system for dynamic join reordering	DAY, PAUL REUBEN
10660167	Not Issued	41	09/11/2003	Background index bitmapping for faster query performance	DAY, PAUL REUBEN
10661982	Not Issued	25	09/12/2003	Debugging methods for heap misuse	DAY, PAUL REUBEN
10664553	Not Issued	41	09/19/2003	Method, apparatus and computer program product for implementing autonomic testing and verification of software fix programs	DAY, PAUL REUBEN
10671043	Not Issued	30	09/25/2003	Dynamic adjustment of system resource allocation during query execution in a database management system	DAY, PAUL REUBEN
10691296	Not Issued	71	10/22/2003	Optimization of queries using retrieval status of resources used thereby	DAY, PAUL REUBEN
10727420	Not Issued	41	12/04/2003	Query access plan rebuilds	DAY, PAUL REUBEN
10754010	Not Issued	30	01/08/2004	Method and system for a self-healing query access plan	DAY, PAUL REUBEN
10754011	Not Issued	30	01/08/2004	Method applying transitive closure to group by and order by clauses	DAY, PAUL REUBEN
10756666	Not Issued	93	01/13/2004	VIRUS CHECKING AND REPORTING FOR COMPUTER DATABASE SEARCH RESULTS	DAY, PAUL REUBEN
10816602	Not Issued	30	04/02/2004	Cooperative spam control	DAY, PAUL REUBEN
10816705	Not Issued	30	04/02/2004	Set top box and methods for using the same	DAY, PAUL REUBEN
10839487	Not Issued	30	05/05/2004	Method and system for query directives and access plan hints	DAY, PAUL REUBEN
10860402	Not Issued	40	06/03/2004	Apparatus and method for autonomically generating a query implementation that meets a defined performance specification	DAY, PAUL REUBEN
10860403	Not Issued	40	06/03/2004	Apparatus and method for dropping tautological predicates from SQL queries for reusability	DAY, PAUL REUBEN
10883101	Not Issued	30	07/01/2004	Web server apparatus and method for virus checking	DAY, PAUL REUBEN
10901610	Not Issued	30	07/29/2004	Method and apparatus for optimizing execution of database queries containing user-defined functions	DAY, PAUL REUBEN
10905437	Not Issued	41	01/04/2005	METHOD AND APPARATUS FOR DYNAMICALLY ALTERING THE OPERATIONAL CHARACTERISTICS OF A WIRELESS PHONE BY MONITORING THE PHONE'S MOVEMENT AND/OR LOCATION	DAY, PAUL REUBEN

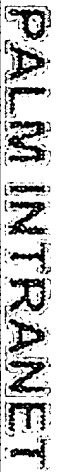
10955736	Not Issued	20	09/30/2004	Address watch breakpoints with basing pointers	DAY, PAUL REUBEN
10955737	Not Issued	30	09/30/2004	Method and apparatus for re-evaluating execution strategy for a database query	DAY, PAUL REUBEN
10988354	Not Issued	30	11/12/2004	Adjusting an amount of data logged for a query based on a change to an access plan	DAY, PAUL REUBEN
11013270	Not Issued	30	12/15/2004	System for on demand task optimization	DAY, PAUL REUBEN
11071090	Not Issued	20	03/03/2005	Breakpoint timers	DAY, PAUL REUBEN
11101059	Not Issued	41	04/07/2005	Squeezable rebroadcast files	DAY, PAUL REUBEN
11117617	Not Issued	30	04/28/2005	Method and apparatus for optimizing queries in a logically partitioned computer system	DAY, PAUL REUBEN

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 Last Name  First Name

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Time: 17:40:08

## Inventor Name Search Result

Your Search was:

Last Name = MURAS

First Name = BRIAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10977765	Not Issued	30	10/29/2004	Method and process of query optimization to a given environment via specific abstraction layer domain knowledge	MURAS, BRIAN R.
11290892	Not Issued	20	11/30/2005	Debugging a computer program	MURAS, BRIAN R.
10354802	Not Issued	93	01/30/2003	DATA MANAGEMENT SYSTEM THAT PROVIDES INTELLIGENT ACCESS PLAN CACHING	MURAS, BRIAN ROBERT
10443921	Not Issued	41	05/22/2003	Method, query optimizer, and computer program product for implementing live switchover to temporary sparse index for faster query performance	MURAS, BRIAN ROBERT
10660166	Not Issued	41	09/11/2003	Method and system for dynamic join reordering	MURAS, BRIAN ROBERT
10660167	Not Issued	41	09/11/2003	Background index bitmapping for faster query performance	MURAS, BRIAN ROBERT
10664553	Not Issued	41	09/19/2003	Method, apparatus and computer program product for implementing autonomic testing and verification of software fix programs	MURAS, BRIAN ROBERT
10671043	Not Issued	30	09/25/2003	Dynamic adjustment of system resource allocation during query execution in a database management system	MURAS, BRIAN ROBERT
10671343	Not Issued	30	09/25/2003	Encryption of query execution details in a database management system	MURAS, BRIAN ROBERT
10691296	Not Issued	71	10/22/2003	Optimization of queries using retrieval status of resources used thereby	MURAS, BRIAN ROBERT
10727420	Not Issued	41	12/04/2003	Query access plan rebuilds	MURAS, BRIAN ROBERT
10753523	Not Issued	30	01/08/2004	Method and system for creating profiling indices	MURAS, BRIAN ROBERT

<u>10754010</u>	Not Issued	30	01/08/2004	Method and system for a self-healing query access plan	MURAS, BRIAN ROBERT
<u>10754011</u>	Not Issued	30	01/08/2004	Method applying transitive closure to group by and order by clauses	MURAS, BRIAN ROBERT
<u>10815231</u>	Not Issued	30	03/31/2004	Apparatus and method for using values from a frequent values list to bridge additional keys in a database index	MURAS, BRIAN ROBERT
<u>10839487</u>	Not Issued	30	05/05/2004	Method and system for query directives and access plan hints	MURAS, BRIAN ROBERT
<u>10860402</u>	Not Issued	40	06/03/2004	Apparatus and method for autonomically generating a query implementation that meets a defined performance specification	MURAS, BRIAN ROBERT
<u>10860403</u>	Not Issued	40	06/03/2004	Apparatus and method for dropping tautological predicates from SQL queries for reusability	MURAS, BRIAN ROBERT
<u>10901610</u>	Not Issued	30	07/29/2004	Method and apparatus for optimizing execution of database queries containing user-defined functions	MURAS, BRIAN ROBERT
<u>10911849</u>	Not Issued	30	08/05/2004	Method and system for data mining for automatic query optimization	MURAS, BRIAN ROBERT
<u>10955737</u>	Not Issued	30	09/30/2004	Method and apparatus for re-evaluating execution strategy for a database query	MURAS, BRIAN ROBERT
<u>10965189</u>	Not Issued	20	10/14/2004	Method and system for access plan sampling	MURAS, BRIAN ROBERT
<u>10977763</u>	Not Issued	30	10/29/2004	Mirroring database statistics	MURAS, BRIAN ROBERT
<u>10988354</u>	Not Issued	30	11/12/2004	Adjusting an amount of data logged for a query based on a change to an access plan	MURAS, BRIAN ROBERT
<u>10992400</u>	Not Issued	30	11/18/2004	Method and apparatus for predicting selectivity of database query join conditions using hypothetical query predicates having skewed value constants	MURAS, BRIAN ROBERT
<u>11013270</u>	Not Issued	30	12/15/2004	System for on demand task optimization	MURAS, BRIAN ROBERT
<u>11044753</u>	Not Issued	30	01/27/2005	Time-based rebuilding of autonomous table statistics collections	MURAS, BRIAN ROBERT
<u>11071090</u>	Not Issued	20	03/03/2005	Breakpoint timers	MURAS, BRIAN ROBERT
<u>11089468</u>	Not Issued	30	03/24/2005	Building database statistics across a join network using skew values	MURAS, BRIAN ROBERT
<u>11089469</u>	Not Issued	30	03/24/2005	Dynamic look ahead predicate generation	MURAS, BRIAN ROBERT
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